



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP55339_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/gdf2-antibody-middle-region-biotin-arp55339-p050-biotin.html">www.avivasysbio.com/gdf2-antibody-middle-region-biotin-arp55339-p050-biotin.html</a>
Name	GDF2 Antibody - middle region : Biotin (ARP55339_P050-Biotin)
Protein Size (# AA)	429 amino acids
Molecular Weight	47kDa
Conjugation	Biotin
NCBI Gene Id	2658
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Growth differentiation factor 2
Alias Symbols	BMP9, HHT5, BMP-9
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">CFEPLADDVTPTKHAIVQTLVHLKFKPTKVGKACCVPTKLSPIVLYKDDM</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	David,L., (2008) Circ. Res. 102 (8), 914-922
Description of Target	GDF2 is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in rodents suggest that this protein plays a role in the adult liver and in differentiation of cholinergic central nervous system neurons. The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in rodents suggest that this protein plays a role in the adult liver and in differentiation of cholinergic central nervous system neurons.
Protein Interactions	BMPR2; ACVR2B; ACVR2A;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for <a href="#">anti-GDF2 (ARP55339_P050-Biotin) antibody</a>
Blocking Peptide	For anti-GDF2 (ARP55339_P050-Biotin) antibody is <a href="#">Catalog # AAP55339</a> (Previous Catalog # AAPP33211)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human GDF2
Uniprot ID	<a href="#">Q9UK05</a>
Protein Name	Growth/differentiation factor 2
Protein Accession #	<a href="#">NP_057288</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_016204</a>
Gene Symbol	<a href="#">GDF2</a>
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Zebrafish
Application	WB

<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Dog: 93%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
<b>Image 1</b>	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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